







c



QUADRANGLE LOCATION

Revisions shown in purple and recompilation of woodland areas compiled in cooperation with California Department of Water Resources from aerial photographs taken 1973. This information not field checked

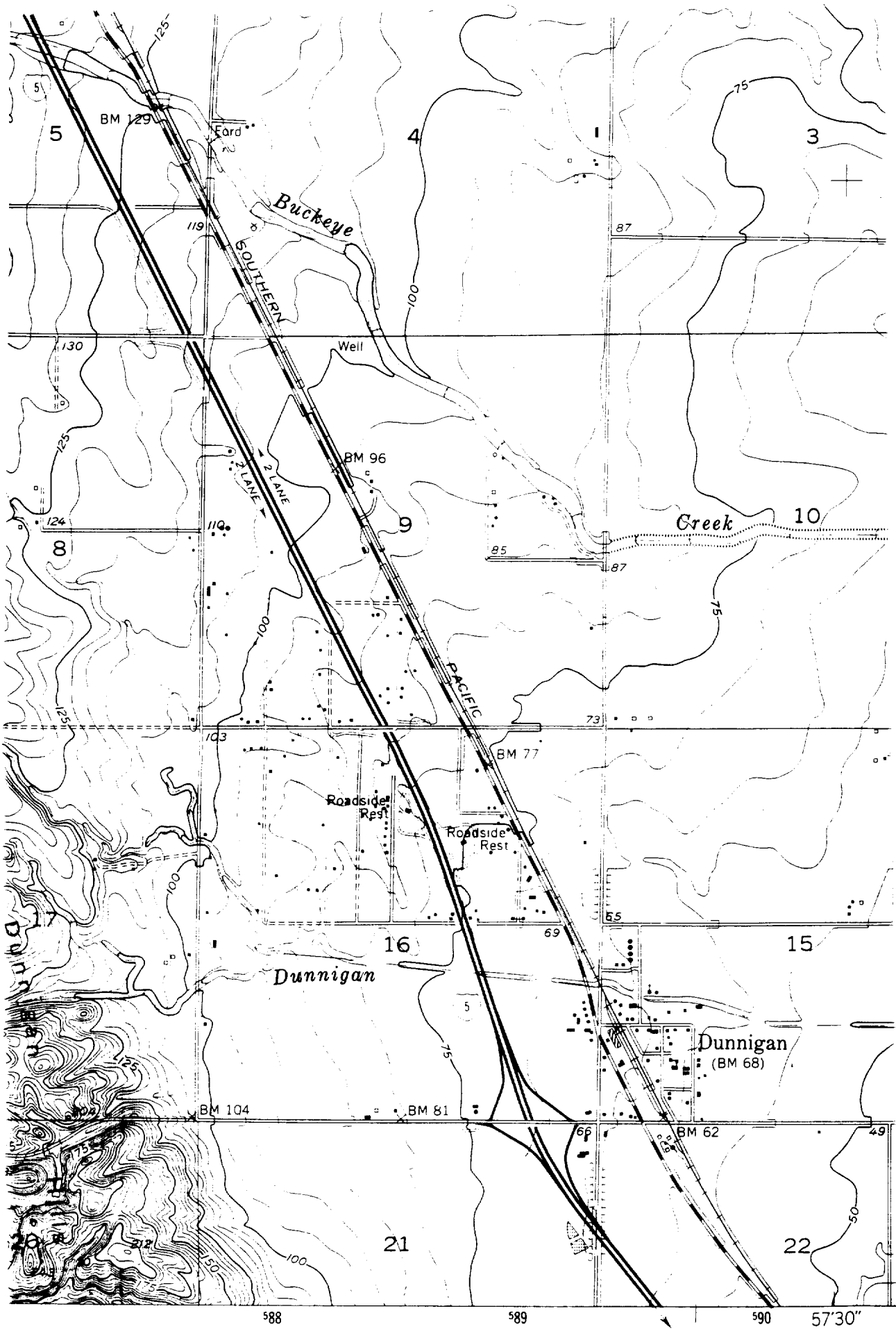
ROAD CLASSIFICATION

Heavy-duty ^{4 LANE} ^{6 LANE} Light-duty
 Medium-duty ^{4 LANE} ^{6 LANE} Unimproved dirt
 U. S. Route State Route
 Interstate Route

DUNNIGAN, CALIF.

NW/4 DUNNIGAN 15' QUADRANGLE
 N3852.5—W12152.5/7.5

1953
 PHOTOREVISED 1973
 AMS 1661 IV NW—SERIES V895

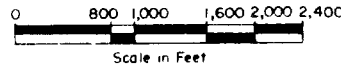
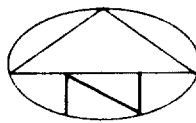


D

LEGEND

A-P AGRICULTURAL PRESERVE
A-1 AGRICULTURAL GENERAL
A-E AGRICULTURAL EXCLUSIVE

AMENDMENTS		
DATE	ZONE FILE NO.	CHANGE
4/24/87	3657	A1 to AP
12/3/92	4055	A1 to AP

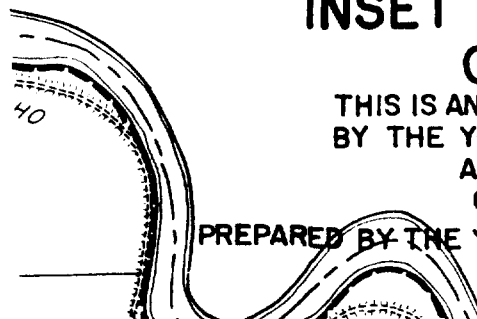


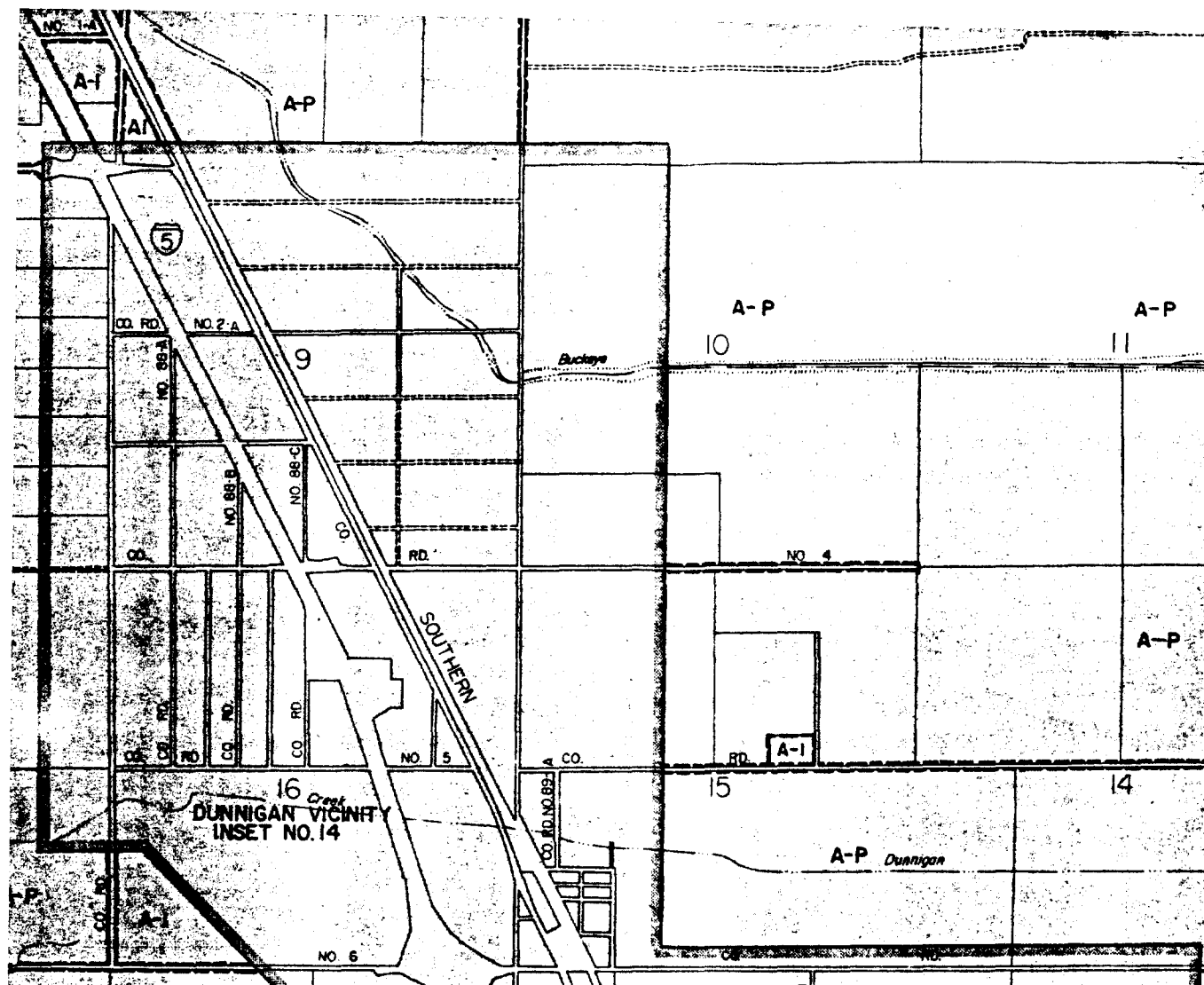
YOLO COUNTY DUNNIGAN AREA

INSET MAP NO. 17 OF THE ZONING MAP OF THE COUNTY OF YOLO

THIS IS AN OFFICIAL ZONING MAP, ADOPTED FEBRUARY 5, 1985
BY THE YOLO COUNTY BOARD OF SUPERVISORS PURSUANT TO
ARTICLE 3, SECTION 8-2.302 OF CHAPTER 2
OF THE YOLO COUNTY ZONING REGULATIONS

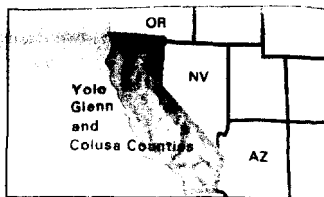
PREPARED BY THE YOLO COUNTY COMMUNITY DEVELOPMENT AGENCY, MARCH, 1985





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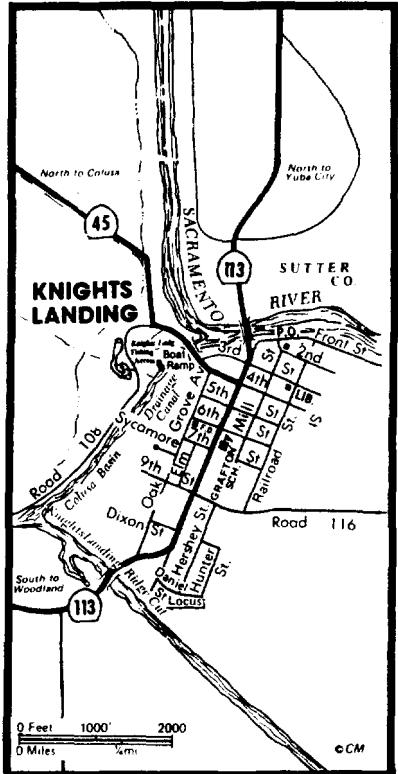
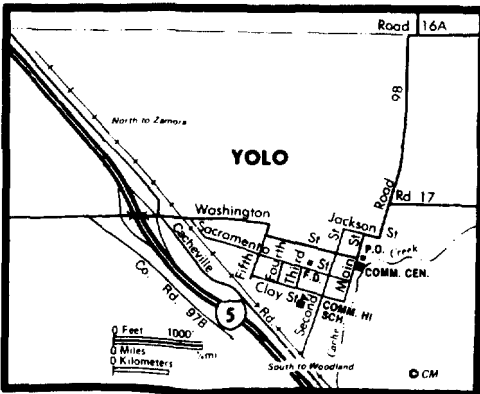
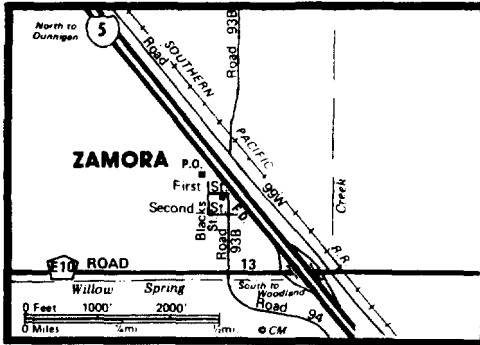
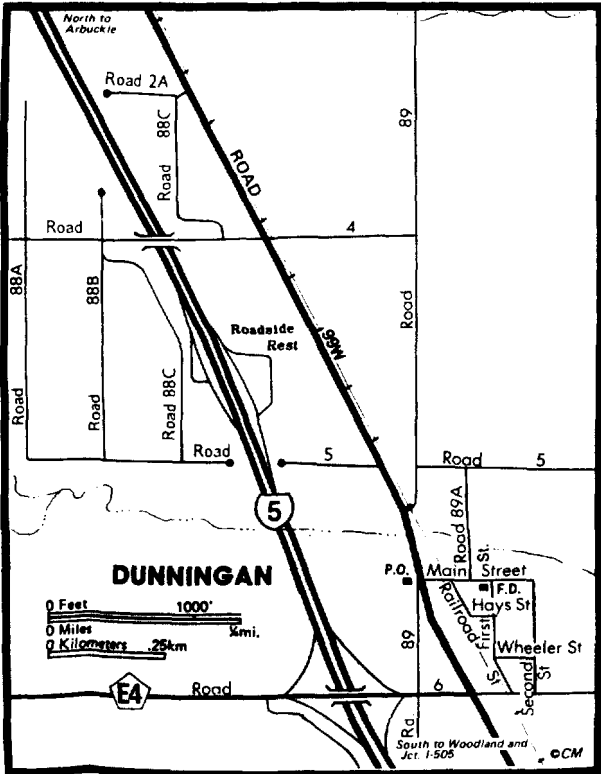
RAND McNALLY

Yolo, Glenn, and Colusa Counties

California



COMMUNITIES OF YOLO COUNTY



F

APPENDIX F

Pictures of I.H.-5 Signs Referring to Town of Dunnigan



SWORN STATEMENT

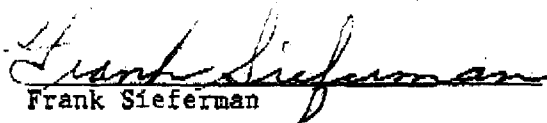
1. My name is Frank Sieferman and I am an elected supervisor for the Fifth District of Yolo County, California.

2. The Town of Dunnigan, California is within the area that I represent on the Yolo County Board of Supervisors. I reside just a few miles from Dunnigan.

3. I am familiar with the draft "Town of Dunnigan General Plan," which was conceptually approved by the Dunnigan General Plan Steering Committee last year. That draft General Plan, which is proposed to supercede a prior plan for Dunnigan, correctly refers to Dunnigan as a well established community.

4. I can assure the FCC that the residents of Dunnigan consider their town as a geographically identifiable place. In short, Dunnigan has long been an established community.

I swear or affirm that the foregoing is true to the best of my information and belief.


Frank Sieferman

June 15, 1994

Post-It™ brand fax transmittal memo 7671		# of pages 1
To	From	
MR. ROBERT THOMPSON	FRANK SIEFERMAN	
Co.	Co.	
PEPPER + CORAZZINI	YOLO COUNTY, CA	
Dept.	Phone #	
	916-666-8627	
Fax #	Fax #	
202-296-5572	916-666-8193	

ENGINEERING STATEMENT

The information and data contained within these Engineering Exhibits were prepared on behalf of Pacific Spanish Network, Inc., licensee of FM broadcast station KQSC(FM), formerly and hereinafter referred to as KIQS-FM, 105.5 Megahertz, Channel 288A, in support of Reply Comments to Notice of Proposed Rule Making, MM Docket No. 94-29, released April 15, 1994.

Joint opposing comments against the petition for rule making were filed by Genesis Broadcasting, Inc. ("Genesis"), and Tribune Broadcasting Company ("Tribune"). Accompanying those comments was an engineering study refuting the availability of Channel 272A as an alternate channel at Willows.

Channel 272A was studied a second time using the most recent FCC FM Engineering database. The study showed, as Genesis and Tribune correctly pointed out, that Channel 272A is no longer available in the Willows area due to preclusion from a newly-filed application for construction permit specifying operation on Channel 272B1 at Point Arena.¹ Channel 292A was studied a second time using the latest database confirming availability as was originally represented.

A further study was conducted to determine the extent of the 70 dBμ contour from a fully spaced Channel 292A facility with respect to the Willows city limits. Figures one and two show the 70 dBμ contour produced by a hypothetical Class A facility from a site that is in the fully spaced area.

A current map of the Willows city limits was obtained from the city offices, and carefully digitized for inclusion on the computer-drawn maps of figures one and two. The map contains the most recently annexed areas to the city and it is believed that it accurately represents the incorporated boundaries of Willows.

The land area within the irregularly shaped city limits was computed using Pick's Theorem to be 6.862 square kilometers. The area within the Channel 292A 70 dBμ contour and within the Willows city limits was computed to be 6.039 square kilometers. As a verification of the results, the area within the Willows city limits but outside of the 70 dBμ contour was computed to be 0.823 square kilometers. The results are correct since $6.039 + 0.823 = 6.862$.

These results indicate that 88 percent of the city of Willows falls within the 70 dBμ contour produced by the fully spaced Channel 292A facility. The Commission has already established that compliance with 47 CFR § 73.315(a) requires at least 80 percent coverage of the

¹ The error in the petitioner's original filing in which it was represented that Channel 272A was available as an alternate channel was due to the age of the database in use at that time. The Point Arena application was filed on February 23, 1994, and the date of the FM database was February 28, 1994. The FCC's database management staff does not enter new information immediately, usually three to four weeks after the filing date. Also, the Commission has been upgrading its computer system recently and has not been able to timely produce the magnetic tapes for National Technical Information Service (NTIS) to distribute to its subscribers. Thus, until last week or so, the latest complete release was the February version.

city limits. Therefore, Channel 292A meets this threshold and is available as an alternate channel at Willows.

From information contained within the petitioner's comments and results of the analysis submitted herein, the following facts are corrected and reiterated.

- The proposed gain and loss areas are already well served under the Commission's definition of at least five radio services.
- The proposed loss area will be left with no fewer than nine aural reception services and 76 percent of the loss area will still receive eleven stations.
- An alternate Class A channel is available for allotment within the proposed loss area that meets the minimum spacing criteria should an expression of interest be received.
- Establishment of a Class B1 facility at Dunnigan will provide the community with its first local aural broadcast service.
- No other FM channel of any class is available for allotment at Dunnigan as an alternative to Channel 288B1.
- Allotment of Channel 288B1 at Dunnigan will result in a sixth service to 55 persons, a seventh service to 477 persons, an eighth service to 124 persons and a ninth service to 104 persons.

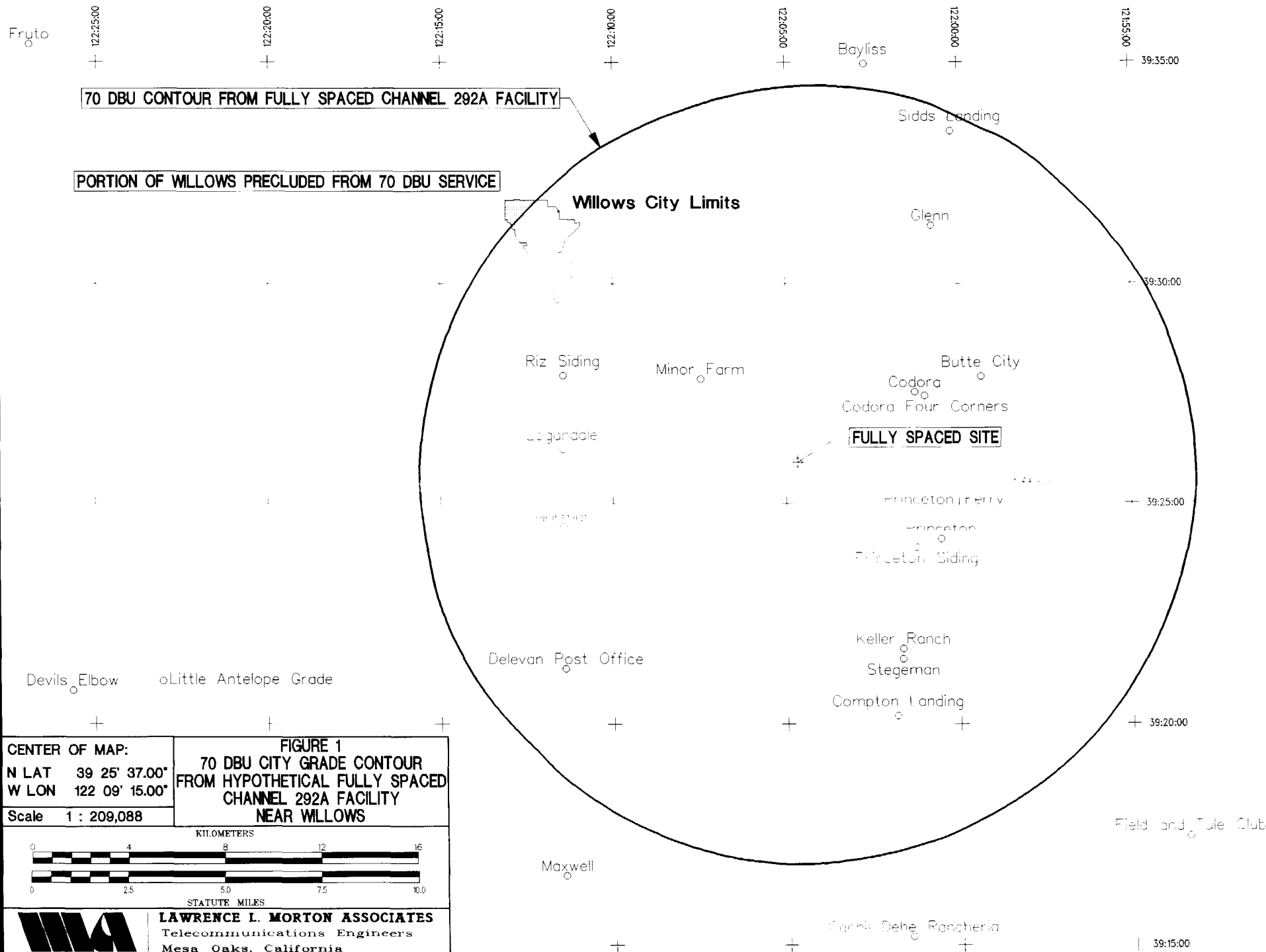
The petitioner further reaffirms its intention to apply for Channel 288B1 at Dunnigan if it is allotted and, if authorized, to build the requested facilities promptly.

It is believed that all methods employed in making the determinations contained within this Engineering Statement were in accordance with applicable F.C.C. Rules and Regulations and good engineering practice.

**Lawrence L. Morton, P.E.
Consulting Engineer to the Petitioner
June 17, 1994**

Lambert Azimuthal Equal-Area

5' 00" Graticule Spacing



AREA PRECLUDED FROM 70 DBU SERVICE

88 PERCENT OF WILLOWS CITY LIMITS WITHIN 70 DBU CONTOUR

WILLOWS
CITY LIMITS

70 DBU CONTOUR OF CHANNEL 292A FACILITY

CENTER OF MAP:

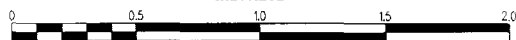
N LAT 39 30' 45.00"
W LON 122 12' 01.00"

Scale 1 : 30,598

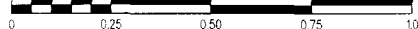
FIGURE 2

PORTION OF WILLOWS PRECLUDED
FROM 70 DBU SERVICE BY FULLY
SPACED CHANNEL 292A FACILITY

KILOMETERS



STATUTE MILES

LAWRENCE L. MORTON ASSOCIATES
Telecommunications Engineers
Mesa Oaks, California

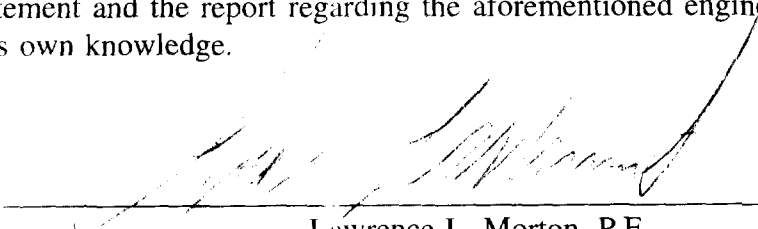
AFFIDAVIT

State of California)
) ss:
County of Orange)

Lawrence L. Morton, being first duly sworn upon oath, deposes and says:

- That he is a qualified engineer,
- That he is a Registered Professional Engineer in the State of California,
- That he is a member of the Association of Federal Communications Consulting Engineers,
- That his qualifications are a matter of record with the Federal Communications Commission,
- That he has prepared many broadcast applications and engineering exhibits that have been filed with and granted by the Federal Communications Commission,
- That he has carried out such engineering work and that the results thereof are attached hereto and form part of this affidavit, and
- That the foregoing statement and the report regarding the aforementioned engineering work are true and correct of his own knowledge.

Date: June 17, 1994



Lawrence L. Morton, P.E.

On June 17, 1994, before me, Nancy A. Chase, a Notary Public, in and for the State of California, personally appeared Lawrence L. Morton known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

My Commission expires 11/30/94



Notary Public

